

# Creek OBH-11SE

## CLASS 'A' HEADPHONE AMPLIFIER



SHARE THE ULTIMATE  
IN SOUND QUALITY  
USING THE DUAL  
HEADPHONE OUTLETS  
OF THE OBH-11SE

The OBH-11SE is a class 'A' headphone amplifier designed to drive two pairs of headphones (from 30 ohms to 300 ohms) from a line level source. The purpose is to eliminate the use of a full size amplifier for boosting the power, if only headphones are used. An average output level CD player or Tuner can be connected directly to the input of the OBH-11, or it could also be used in conjunction with other OBH products, such as the OBH-8/9 Phono Pre-amps and OBH-12 passive Pre-amp. It would also work with a stand-alone pre-amplifier or integrated amplifier lacking headphone output, connected in the tape loop. The volume control on the front panel is designed to control the output level.

The OBH-11SE has been designed with zero feedback and is fully Class 'A' for improved performance.

No expense has been spared to enable the OBH-11SE headphone amp to faithfully reproduce a music signal. Only the highest quality components are used in its unique amplifier circuitry, to achieve low distortion and noise, with

good stereo separation, including Alps Blue Velvet volume potentiometer.

Great care has also been taken to match the output circuitry to the special requirements of modern dynamic headphones, providing an extremely flat frequency response. Audio bandwidth is limited by input and output coupling capacitors to prevent unwanted signals damaging the headphones in use.

*Input and Output connections.* The OBH-11SE has two pairs of stereo phono sockets (RCA jacks) on the rear panel for input from any line level source and chain linking to another product in a tape loop circuit, together with a DC power jack for connection to a custom OBH power supply adapter. There are two 1/4" (6.3mm) stereo headphone jacks on the front panel.

*Power Supply requirements.* A custom High Grade regulated power Supply (OBH-2) is provided to run the OBH-11SE. This must be connected to the unit via the DC inlet (2.1mm positive centre pin power jack) on the rear panel. The power supply may vary depending on country of use.

### OBH-11 TECHNICAL SPECIFICATION

Output power	>10 mW into 30 $\Omega$ to 300 $\Omega$ loads
Headphone Impedance	30 $\Omega$ to 300 $\Omega$
THD	$\leq$ 0.05% at 1 kHz at rated power
Signal to noise	> 65 dB
Power consumption	< 4 W
Power supply requirements	24 V DC 150 mA
Size	100 mm x 130 mm x 65 mm (4" x 5" x 2.5")
Weight	360 gms (12 ozs)

Creek Audio Limited reserves the right to modify or change the specifications of its products at any time without notice.



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